

TLIDTNRSRACHPCSPMCKGSRGWGESSEDCQSLT, SEQ ID NO. 4, or a functional equivalent thereof;
ALVTYNTDTFESMPNPEGRYT, SEQ ID NO. 5, or a functional equivalent thereof;
PLHNQEVTAEDGTQRAEKCSKPCA, SEQ ID NO. 6, or a functional equivalent thereof;
PESFDGDPASNTAPLQPE, SEQ ID NO. 7, or a functional equivalent thereof;
LYISAWPDSLPLDSVFNQLQ, SEQ ID NO. 8, or a functional equivalent thereof;
LFRNPHQALLHTANRPEDE, SEQ ID NO. 9, or a functional equivalent thereof;
CLPCHPECQPQNGSVTCFGPEADQCVACAHYKDP, SEQ ID NO. 10, or a functional equivalent thereof;
KPDLSYMPIWKFPDEEGA, SEQ ID NO. 11, or a functional equivalent thereof;
INGTHSCVDLDDKGCPAEQRAS, SEQ ID NO. 12, or a functional equivalent thereof; and
INGTHSCVDLDDKGCPAEQR, SEQ ID NO. 42 or a functional equivalent thereof;
wherein the HER-2 B cell epitopes and the Th cell epitope are attached to the template.

31. (Once Amended) The multivalent peptide of claim 6, wherein the multivalent peptide comprises a HER-2 B cell epitope which comprises INGTHSCVDLDDKGCPAEQR, SEQ ID NO. 42 or a functional equivalent thereof, a HER-2 B cell epitope which comprises SEQ ID NO. 6 or a functional equivalent thereof, and a HER-2 B cell epitope which comprises SEQ ID NO. 9 or a functional equivalent thereof

32. (Once Amended) A method of treating a subject with cancer comprising administering a mixture of chimeric peptides to the subject, wherein said mixture comprises 2 or more chimeric peptides, wherein each of said 2 or more chimeric peptides comprise a HER-2 B cell epitope, a T helper (Th) epitope; and a linker joining said HER-2 B cell epitope to said Th epitope; wherein the HER-2 B cell epitope of said 2 or more chimeric peptides are different, and comprise a sequence selected from the group consisting of:

TGTDMLRLPASPETHLDM, SEQ ID NO. 1, or a functional equivalent thereof;
AVLDNGDPLNNTTPVTGASPGG, SEQ ID NO. 2, or a functional equivalent thereof;
LWKDIFHKNNQLALTIDTNR, SEQ ID NO. 3, or a functional equivalent thereof;
TLIDTNRSRACHPCSPMCKGSRGWGESSEDCQSLT, SEQ ID NO. 4, or a functional equivalent thereof;
ALVTYNTDTFESMPNPEGRYT, SEQ ID NO. 5, or a functional equivalent thereof;
PLHNQEVTAEDGTQRAEKCSKPCA, SEQ ID NO. 6, or a functional equivalent thereof;